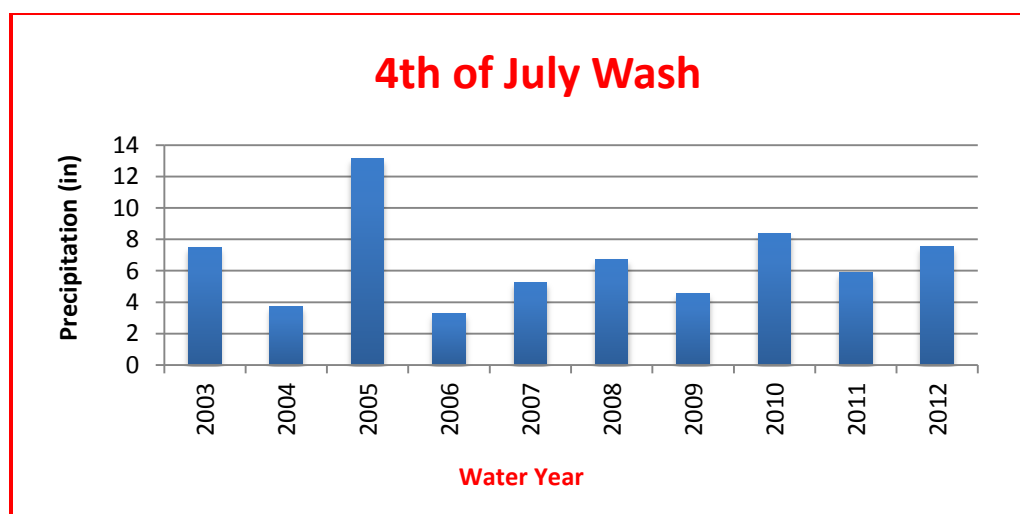


Station Name: 4th of July Wash

Station ID Number History:	5040 since 03/14/02
Station Type:	Rain / Stream
Data Begins:	03/14/2002
Years of Record:	10.55 (as of 10/01/12)
Data Repeater:	Harquahala Mtn.
TRS:	T2S-R9W-Section 01
Latitude:	33° 16' 39.4" (33.2776)
Longitude:	113° 07' 47.1" (113.12975)
Elevation:	1,120 ft. msl
Location:	21 miles west of Old US 80 on Agua Caliente Road
Data Record:	
Partial Months (>10 days missing):	None
Missing Months:	None
Remarks:	Records Good



Data Statistics for Period of Record:

Number of storms greater than 1 inch in 24 hours:	17	
Number of storms greater than 2 inches in 24 hours:	4	
Number of storms greater than 3 inches in 24 hours:	1	
		Approx. T_r
Greatest 15 minute total:	1.02" on 07/05/11	16 years
Greatest 1 hour total:	2.09" on 07/05/11	49 years
Greatest 3 hour total:	2.32" on 07/05/11	26 years
Greatest 6 hour total:	2.32" on 07/05/11	17 years
Greatest 24 hour total:	3.07" on 01/21/10	30 years
Greatest 72 hour total:	4.02" on 01/21/10	69 years

Water Year Totals (Mean of Complete Water Years [10] = 6.59 inches):

Water Year	Total	Water Year	Total
2020		2010	8.35
2019		2009	4.53
2018		2008	6.69
2017		2007	5.28
2016		2006	3.27
2015		2005	13.15
2014		2004	3.74
2013		2003	7.48
2012	7.52	2002	M
2011	5.87	2001	

M: One or more months contain partial or missing data

Design Rainfall for this Geographic Location:

**Click this [link](#) for Point Precipitation Frequency Estimates
(Annual Maximum Series) in Tabular and Graphical Formats
from NOAA Atlas 14, Volume I, Version 5**

Daily Rainfall at 4th of July Wash (gage # 5040) for Water Year 2012

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4		.16								.20		.04
5		.04										
6												
7		.04										
8												
9												.08
10												.12
11												
12			.24							.12		
13		.08	.55								.04	
14			.08							.35		
15												
16												
17						.20					.04	
18		----	.39			.79					.08	
19		----	.04									
20		----										
21											1.42	
22											1.42	
23											.04	
24												
25												
26												
27					.04							
28												
29										.94		
30					----							
31		----			----		----		----			----
SUM	0.00	0.31	1.30	0.00	0.04	0.98	0.00	0.00	0.00	1.61	3.03	0.24
ACC	0.00	0.31	1.61	1.61	1.65	2.64	2.64	2.64	2.64	4.25	7.29	7.52
MAX	0.00	0.16	0.55	0.00	0.04	0.79	0.00	0.00	0.00	0.94	1.42	0.12
NO.	0	4	5	0	1	2	0	0	0	4	6	3
Maximum Daily Rainfall							1.42					
Maximum Monthly Rainfall							3.03					
Total Annual Rainfall							7.52					
Number of Days with Rain							25					

Gage 5040 down from 11/17 15:19 (8) through 11/21 09:19 (8) due to data collision; no rain fell.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at 4th of July Wash (gage # 5040) for Water Year 2011

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1				----								
2				----								
3												
4	.31									.04		
5	.04									2.32		
6												
7												
8							.20					
9							.16					
10												
11												.39
12												
13												.04
14												
15												
16												
17												
18												
19					.24							
20					.12							
21						.12						
22			1.06									
23												
24												
25												
26					.39							
27											.20	
28			.04								.04	
29			.08		----							
30			.08		----							
31		----	----		----		----		----			----
SUM	0.35	0.00	1.26	0.00	0.75	0.12	0.35	0.00	0.00	2.36	0.24	0.43
ACC	0.35	0.35	1.61	1.61	2.36	2.48	2.83	2.83	2.83	5.20	5.43	5.87
MAX	0.31	0.00	1.06	0.00	0.39	0.12	0.20	0.00	0.00	2.32	0.20	0.39
NO.	2	0	4	0	3	1	2	0	0	2	2	2
							Maximum Daily Rainfall					2.32
							Maximum Monthly Rainfall					2.36
							Total Annual Rainfall					5.87
							Number of Days with Rain					18

Annual Total (mm): 149 Days Down: 4.58
Gage 5040 down from 12/30 00:49 (41) through 01/03 14:43 (41) due to transmitter failure; no rain fell.

Flood Control District of Maricopa County ALERT System

Daily Rainfall at 4th of July Wash (gage # 5040) for Water Year 2010

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4												
5												
6												
7			.24		.20	.87						
8			.12									
9												
10					.24							
11					.04							
12									.04			
13												
14												
15												
16												
17											.51	
18												
19				.91								
20					.08							
21				3.07								
22				.04	.04							
23												
24												
25												
26							----					
27					.24		----					----
28					.12							
29					----					1.50		
30					----					.04		
31		----			----		----		----	.07		----
SUM	0.00	0.00	0.35	4.02	0.94	0.87	0.00	0.00	0.04	1.61	0.51	0.00
ACC	0.00	0.00	0.35	4.37	5.31	6.18	6.18	6.18	6.22	7.83	8.35	8.35
MAX	0.00	0.00	0.24	3.07	0.24	0.87	0.00	0.00	0.04	1.50	0.51	0.00
NO.	0	0	2	3	7	1	0	0	1	3	1	0
							Maximum Daily Rainfall					3.07
							Maximum Monthly Rainfall					4.02
							Total Annual Rainfall					8.35
							Number of Days with Rain					18

Notes:

Annual rainfall in millimeters: 212

Gage 5040 down from 04/25 21:30 (157) through 04/28 09:30 (157) due to programming error; no rain fell.

Gage 5040 down from 09/26 14:33 (212) through 09/28 20:33 (212) due to data collision; no rain fell.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at 4th of July Wash (gage # 5040) for Water Year 2009

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2										.04		
3												
4												
5												
6												
7					.12							
8			.04		.08							
9					.24							
10												
11												
12												
13												
14												
15												
16			.43									
17			.75		.04							
18								.04				
19												
20												
21											.16	
22								.04			.47	
23												
24												
25			.12									
26		.91	.12									
27		.94										
28												
29					----							
30					----							
31		----			----		----		----			----
SUM	0.00	1.85	1.46	0.00	0.47	0.00	0.00	0.08	0.00	0.04	0.63	0.00
ACC	0.00	1.85	3.31	3.31	3.78	3.78	3.78	3.86	3.86	3.90	4.53	4.53
MAX	0.00	0.94	0.75	0.00	0.24	0.00	0.00	0.04	0.00	0.04	0.47	0.00
NO.	0	2	5	0	4	0	0	2	0	1	2	0
Maximum Daily Rainfall												0.94
Maximum Monthly Rainfall												1.85
Total Annual Rainfall												4.53
Number of Days with Rain												16

Notes:

Annual rainfall in millimeters: 115

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at 4th of July Wash (gage # 5040) for Water Year 2008

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			.24									
2												
3												
4										.12		
5												
6												
7			.24	.31								
8				.04								.04
9											.16	
10											.04	
11			.12							.04		.16
12			.04									
13										.43		
14												
15												
16												
17												
18				----								
19				----								
20				----								
21				----								
22				----								
23								.08				
24				.12								
25				.08							1.02	
26											.39	
27				1.02								
28												
29											.08	
30		1.89			----						.04	
31		----			----		----		----			----
SUM	0.00	1.89	0.63	1.57	0.00	0.00	0.00	0.08	0.00	0.59	1.73	0.20
ACC	0.00	1.89	2.52	4.09	4.09	4.09	4.09	4.17	4.17	4.76	6.50	6.69
MAX	0.00	1.89	0.24	1.02	0.00	0.00	0.00	0.08	0.00	0.43	1.02	0.16
NO.	0	1	4	5	0	0	0	1	0	3	6	2
Maximum Daily Rainfall												1.89
Maximum Monthly Rainfall												1.89
Total Annual Rainfall												6.69
Number of Days with Rain												22

Notes:

Annual rainfall in millimeters: 170

Total down-time: 6.31 days

Gage 5040 down from 1/17 03:30 (73) through 1/23 10:56 (73) due to antenna failure; no rain fell.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at 4th of July Wash (gage # 5040) for Water Year 2007

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1								----			.71	
2								----				
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14											.16	
15											.12	
16												
17												
18												
19				.20	.24							
20												
21							.08					.16
22						1.06						.04
23						.08				.08		
24												
25										1.61	.28	
26										.04		
27												
28										.12		
29					----							
30					----							
31		----		.28	----		----		----	.04		----
SUM	0.00	0.00	0.00	0.47	0.24	1.14	0.08	0.00	0.00	1.89	1.26	0.20
ACC	0.00	0.00	0.00	0.47	0.71	1.85	1.93	1.93	1.93	3.82	5.08	5.28
MAX	0.00	0.00	0.00	0.28	0.24	1.06	0.08	0.00	0.00	1.61	0.71	0.16
NO.	0	0	0	2	1	2	1	0	0	5	4	2
Maximum Daily Rainfall												1.61
Maximum Monthly Rainfall												1.89
Total Annual Rainfall												5.28
Number of Days with Rain												17

Notes:

Annual rainfall in millimeters: 134

Total down-time: 2.28 days

Gage 5040 down from 4/30 20:13 (49) through 5/03 03:01 (49) for unknown reason; no rain fell.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at 4th of July Wash (gage # 5040) for Water Year 2006

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												.12
3												
4												
5										.04		
6												
7												.16
8												.08
9												
10											.28	
11						.51						
12												
13												
14											.12	
15										.04		
16												
17	.35											
18	.63											
19				----								
20				----								
21												
22												
23												
24											.04	
25			----							.51		
26			----							.04		
27												
28												
29					----							
30					----						.31	
31		----			----		----		----			----
SUM	0.98	0.00	0.00	0.00	0.00	0.51	0.00	0.00	0.00	0.63	0.75	0.35
ACC	0.98	0.98	0.98	0.98	0.98	1.50	1.50	1.50	1.50	2.13	2.87	3.27
MAX	0.63	0.00	0.00	0.00	0.00	0.51	0.00	0.00	0.00	0.51	0.31	0.16
NO.	2	0	0	0	0	1	0	0	0	4	4	3
Maximum Daily Rainfall												0.63
Maximum Monthly Rainfall												0.98
Total Annual Rainfall												3.27
Number of Days with Rain												14

Notes:

Annual rainfall in millimeters: 83

Total down-time: 5.47 days

Gage 5040 down from 12/24 16:47 (25) through 12/27 10:02 (25) for unknown reason; no rain fell.

Gage 5040 down from 1/18 14:55 (25) through 1/21 08:55 (25) for unknown reason; no rain fell.

Daily Rainfall at 4th of July Wash (gage # 5040) for Water Year 2005

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2				.04								
3				1.26							.04	.12
4			.04	.75		.08					.24	
5			.63			.08						
6			.24									
7		.94									.04	
8		.04										
9											.87	
10				.04	.12						.08	
11					1.14							
12					.16							
13												
14												
15												
16												
17					.04							
18					.12							
19					.47							
20					.04							
21	2.20	.24			.04							
22	.04	.24			.08							
23					.12		.04			.08	.04	
24												
25												
26				.12								
27	.12											
28	1.10		.55									
29			.55		-----							
30					-----							
31		-----			-----		-----		-----			-----
SUM	3.46	1.46	2.01	2.20	2.32	0.16	0.04	0.00	0.00	0.08	1.30	0.12
ACC	3.46	4.92	6.93	9.13	11.46	11.61	11.65	11.65	11.65	11.73	13.03	13.15
MAX	2.20	0.94	0.63	1.26	1.14	0.08	0.04	0.00	0.00	0.08	0.87	0.12
NO.	4	4	5	5	10	2	1	0	0	1	6	1
Maximum Daily Rainfall												2.20
Maximum Monthly Rainfall												3.46
Total Annual Rainfall												13.15
Number of Days with Rain												39

Notes:

Annual rainfall in millimeters: 334

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at 4th of July Wash (gage # 5040) for Water Year 2004

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2						.08	.51					
3						.20	.04					
4												
5												
6												
7												
8												
9												
10												
11			.08								.35	
12		.16										
13											.94	
14										.04		
15											.12	
16										.67		
17												
18												
19												.04
20												
21				.04								
22				.12	.08							
23					.16							
24												
25												
26			.04									
27												
28												
29												
30												
31												
SUM	0.00	0.16	0.12	0.16	0.24	0.28	0.55	0.00	0.00	0.71	1.42	0.04
ACC	0.00	0.16	0.28	0.43	0.67	0.94	1.50	1.50	1.50	2.28	3.70	3.74
MAX	0.00	0.16	0.08	0.12	0.16	0.20	0.51	0.00	0.00	0.67	0.94	0.04
NO.	0	1	2	2	2	2	2	0	0	2	3	1
Maximum Daily Rainfall												0.94
Maximum Monthly Rainfall												1.42
Total Annual Rainfall												3.74
Number of Days with Rain												17

Notes:

Annual rainfall in millimeters: 95

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at 4th of July Wash (gage # 5040) for Water Year 2003

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4												.12
5												
6												
7				.04								
8				.20								
9												
10												
11												
12					.35							
13					.67							
14										1.22		
15							.04			.59		
16						.47						
17	.51					.20						
18												
19											.24	
20				.08								
21												
22			.04									
23												
24										.04		.16
25					.83							
26	.08				.04						.08	
27	.04				.04						.47	
28												
29		.35			-----					.55		
30					-----					.04		
31		-----			-----		-----		-----			-----
SUM	0.63	0.35	0.04	0.31	1.93	0.67	0.04	0.00	0.00	0.63	2.60	0.28
ACC	0.63	0.98	1.02	1.34	3.27	3.94	3.98	3.98	3.98	4.61	7.20	7.48
MAX	0.51	0.35	0.04	0.20	0.83	0.47	0.04	0.00	0.00	0.55	1.22	0.16
NO.	3	1	1	3	5	2	1	0	0	3	5	2

Maximum Daily Rainfall 1.22

Maximum Monthly Rainfall 2.60

Total Annual Rainfall 7.48

Number of Days with Rain 26

Notes:

Total annual rainfall in millimeters: 190

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at 4th of July Wash (gage # 5040) for Water Year 2002

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	-----	-----	-----	-----	-----	-----						
2	-----	-----	-----	-----	-----	-----						
3	-----	-----	-----	-----	-----	-----						
4	-----	-----	-----	-----	-----	-----						
5	-----	-----	-----	-----	-----	-----						
6	-----	-----	-----	-----	-----	-----						.39
7	-----	-----	-----	-----	-----	-----						
8	-----	-----	-----	-----	-----	-----						
9	-----	-----	-----	-----	-----	-----						
10	-----	-----	-----	-----	-----	-----						
11	-----	-----	-----	-----	-----	-----						
12	-----	-----	-----	-----	-----	-----						
13	-----	-----	-----	-----	-----	-----						
14	-----	-----	-----	-----	-----	-----				.39		
15	-----	-----	-----	-----	-----	-----				.08		
16	-----	-----	-----	-----	-----	-----						
17	-----	-----	-----	-----	-----	-----						
18	-----	-----	-----	-----	-----	-----						
19	-----	-----	-----	-----	-----	-----						
20	-----	-----	-----	-----	-----	-----						
21	-----	-----	-----	-----	-----	-----						
22	-----	-----	-----	-----	-----	-----						
23	-----	-----	-----	-----	-----	-----						
24	-----	-----	-----	-----	-----	-----						
25	-----	-----	-----	-----	-----	-----						
26	-----	-----	-----	-----	-----	-----						
27	-----	-----	-----	-----	-----	-----						
28	-----	-----	-----	-----	-----	-----						
29	-----	-----	-----	-----	-----	-----						
30	-----	-----	-----	-----	-----	-----						
31	-----	-----	-----	-----	-----	-----	-----		-----			-----
SUM	-----	-----	-----	-----	-----	0.00	0.00	0.00	0.00	0.47	0.00	0.39
ACC	-----	-----	-----	-----	-----	0.00	0.00	0.00	0.00	0.47	0.47	0.87
MAX	-----	-----	-----	-----	-----	0.00	0.00	0.00	0.00	0.39	0.00	0.39
NO.	-----	-----	-----	-----	-----	0	0	0	0	2	0	1
							Maximum Daily Rainfall					0.39
							Maximum Monthly Rainfall					0.47
							Partial Annual Rainfall					0.87
							Number of Days with Rain					3